

## Interview Summary

Application No.  
**08/743,002**

Applicant(s)  
**Damsohn et al.**

Examiner  
**Leonard R. Leo**

Group Art Unit  
**3743**

All participants (applicant, applicant's representative, PTO personnel):

(1) Leonard R. Leo

(3) \_\_\_\_\_

(2) Paul A. Schnose

(4) \_\_\_\_\_

Date of Interview Feb 17, 1999

Type: ☐ Telephonic ☒ Personal (copy is given to ☐ applicant ☒ applicant's representative).

Exhibit shown or demonstration conducted: ☒ Yes ☐ No. If yes, brief description:

a cutaway view of a welded tube and shell device with rectangular tubes having depressions forming the internal lugs and the external spacers contacting adjacent tube walls.

Agreement ☐ was reached. ☒ was not reached.

Claim(s) discussed: All

Identification of prior art discussed:

Karbach et al, Melnyk et al and Kun et al.

Description of the general nature of what was agreed to if an agreement was reached, or any other comments:

Discussed the combination of Karbach et al in view of Melnyk et al, where Melnyk et al teaches a specific tubesheet connection in the tube and shell embodiment in Figure 4 of Karbach et al. The secondary reference of Kun et al teaches spacers contacting spacers of adjacent tubes. Applicants demonstrated model with spacers contacting the adjacent tube wall, not another spacer. Discussed Figure 4b of the instant invention corresponding to claim 6 was rejected as an obvious variant on the insert of Karbach et al.


(A fuller description, if necessary, and a copy of the amendments, if available, which the examiner agreed would render the claims allowable must be attached. Also, where no copy of the amendments which would render the claims allowable is available, a summary thereof must be attached.)

1. ☐ It is not necessary for applicant to provide a separate record of the substance of the interview.

Unless the paragraph above has been checked to indicate to the contrary, A FORMAL WRITTEN RESPONSE TO THE LAST OFFICE ACTION IS NOT WAIVED AND MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a response to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW.

2. ☐ Since the Examiner's interview summary above (including any attachments) reflects a complete response to each of the objections, rejections and requirements that may be present in the last Office action, and since the claims are now allowable, this completed form is considered to fulfill the response requirements of the last Office action. Applicant is not relieved from providing a separate record of the interview unless box 1 above is also checked.

Examiner Note: You must sign and stamp this form unless it is an attachment to a signed Office action.

  
**LEONARD R. LEO**  
**PRIMARY EXAMINER**  
**ART UNIT 3743**